PALIT® JETSTREAM 風 Product Information

Palit GeForce GTX 680 JetStream

- Palit Own Design GeForce GTX 680
- The King of GeForce GTX 680
- Innovation JetStream Cooler Design
- Kepler Architecture
- Overclocking Performance
- Extreme Cool
- Extreme Quiet
- TurboFan Blade
- Blue LED Lighting
- 6-Phase Core PWM, 2-Phase Memory PWM
- DrMOS-Power Efficiency
- 3 DVI Monitors support

Specifications

VGA Chip	GeForce GTX 680
PN	NE5X680H1042-1040J
Core Name	GK104
Process technology	28nm
Processor Cores	1536 cores
Memory Amount	2048 MB
Memory Interface	256 bit
DRAM Type	GDDR5
Base Clock	1084MHz
Boost Clock	1150MHz
Memory Clock	3150MHz (DDR 6300MHz)
Memory Bandwidth	201.6 (GB/Sec)
Power Consumption	215 W

Output Support

DisplayPort / HDMI / Dual DVI

Accessory

Driver CD

Manual

Power Cable

DVI-CRT Adapter

HDMI-DVI Adapter

Key Features

NVIDIA GEFORCE GTX

- Kepler Architecture
- NVIDIA GPU Boost
- NVIDIA Adaptive Vertical Sync
- NVIDIA Surround
- Support for four concurrent displays
- NVIDIA DirectX 11 with DirectCompute 5.0 support
- NVIDIA PhysX technology
- NVIDIA SLI Ready
- NVIDIA 3D Vision Surround Ready
- NVIDIA CUDA technology
- PCI Express 3.0 support
- OpenGL 4.2 support
- OpenCL support

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Minimum system requirements

Graphics card require:
- PCI Express-compliant motherboard with two and half dual-width x16 graphics slot
- One 6-pin and one 8-pin PCI Express supplementary power connectors
- Minimum 550W or greater system power supply (with a minimum 12V current rating of 38A)
- Supported Operating Systems: Windows 7, Windows Vista, Windows XP

Dimension

PCB: 254mm(L) x 112mm(W)
Cooler :2.5 slot
Bracket: 2 slot

Box: 400x270x96 mm
Retail Pack: 5 pcs per carton

PALIT

GEFORCE® GTX 680 JETSTREAM 風

Outstanding Achievements

- 10% Overclocking Performance
- 8°C Extreme COOL
- 9 dB Extreme QUIET

Optimized JETSTREAM Design

LED Lighting

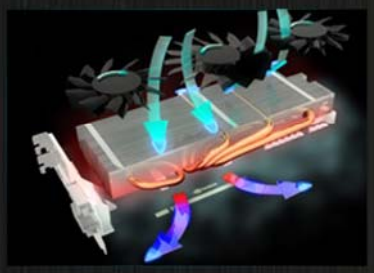
Fancy blue LED lighting on the Palit Jetstream's thermal solution provides ambient lighting to further immerse gamers into the gaming world.

Triple Fan

A Triple Fan design offers triple the cooling performance, and combined with the 8CM-9CM-8CM Smart Fans, heat is effectively drawn away from hot spots.

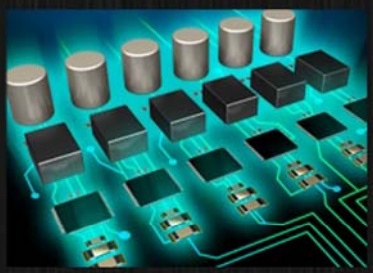
TurboFan Blade

Inspired by the power of jet engines, the TurboFan Blade is designed to improve cooling performance by generating a powerful air stream and air pressure.



Optimized Air Flow

The 8CM-9CM-8CM Smart Fan system consists of three fans with alternating blade rotations. Each adjacent fan rotates in a different direction to reduce airflow conflicts and effectively improve overall cooling performance.



6-PHASE PWM

Unique 6-Phase PWM design reduces max current load to stabilize the voltage level and improve overclockability.

DrMOS

DrMOS, originally only available for high-end server CPUs, is now available in all its glory in the next generation of Palit graphics cards. DrMOS offers high current circuits, low noise operation, and effective reduction of heat generating.

Simultaneous 3 X DVI monitor support

With its optimized video output, the Palit Jetstream supports 3 DVI connections using a single graphics card.

* through HDMI to DVI dongle

PCIE 3.0

Designed for the new PCI Express 3.0 bus architecture offering the highest data transfer speeds for the most bandwidth-hungry games and 3D applications, while maintaining backwards compatibility with existing PCI Express motherboards for the broadest support.